

Comparisons of Job Characteristics

Focus Occupation: [Sound Engineering Technicians \(27-4014\)](#)

Associated Occupation: [Audio and Video Equipment Technicians \(27-4011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Sound Engineering Technicians (27-4014)

Associated Occupation: Audio and Video Equipment Technicians (27-4011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Computers and Electronics	8.4	15.2	17.6	> Current knowledge level is likely sufficient
Communications and Media	5.3	15.0	13.4	< Expanded education and/or training may be required
Telecommunications	3.9	14.1	8.4	<< Extensive education and/or training may be required
Design	5.2	6.5	4.4	<< Extensive education and/or training may be required
Fine Arts	2.2	6.5	12.9	>> Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Sound Engineering Technicians (27-4014)

Associated Occupation: Audio and Video Equipment Technicians (27-4011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	10.3	9.3	< A higher skill level may be required
Troubleshooting	4.5	7.6	7.5	0 Current skill level may be sufficient
Equipment Selection	3.3	6.2	6.4	0 Current skill level may be sufficient
Installation	1.7	6.1	2.2	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Sound Engineering Technicians (27-4014)
Associated Occupation: Audio and Video Equipment Technicians (27-4011)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Information Ordering	9.9	11.2	11.4	0	Current ability level may be sufficient
Far Vision	7.8	10.3	7.7	<<	Extensive improvement in abilities may be required
Visualization	7.5	9.3	7.6	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	9.1	7.9	<	Some improvement in abilities may be required
Visual Color Discrimination	6.4	9.1	7.7	<	Some improvement in abilities may be required
Time Sharing	6.6	7.9	6.7	<	Some improvement in abilities may be required
Auditory Attention	5.9	7.4	9.8	>>	Current ability level is likely more than sufficient
Hearing Sensitivity	5.6	7.3	11.6	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 97

Focus Occupation: Sound Engineering Technicians (27-4014)
Associated Occupation: Audio and Video Equipment Technicians (27-4011)

Work Activities	Exclusivity of Activity
Achieve special lighting or sound effects	82
Develop movie sound track	95
Give direction in audio recording studio	92
Install or set up equipment	87
Operate audio-visual equipment	76
Operate film or sound editing equipment	84
Operate recording or broadcast studio controls	87
Operate sound-reproducing or recording equipment	89
Set sound mixing board control levels	99

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 84

Focus Occupation: Sound Engineering Technicians (27-4014)
Associated Occupation: Audio and Video Equipment Technicians (27-4011)

Tools and Technologies	Exclusivity
Audio and visual equipment	4
Audio presentation and composing equipment and hardware and controllers	25
Computers	1
Content authoring and editing software	1
Data management and query software	1
Electrical measuring and testing equipment	7
Soldering and brazing and welding machinery and supplies	6

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.